



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application )  
No. 10/050,399 ) For: DETERMINING COMBINED  
 ) WEIGHTS AND LOG  
 ) LIKELIHOOD RATIOS FOR  
 Srikant Jayaraman et al. ) SYMBOLS TRANSMITTED ON  
 ) DIVERSITY CHANNELS  
 )  
 Examiner: Lawrence B. Williams )  
 )  
 Filed: January 15, 2002 ) Group No. 2634

LETTER TO OFFICIAL DRAFTSMAN TRANSMITTING FORMAL DRAWINGS

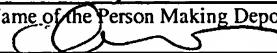
Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Official Draftsperson:

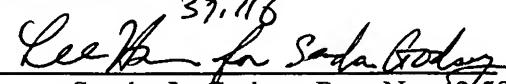
Enclosed for filing in the subject application are five (5) sheets of formal drawings.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

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Karyn D. Lao  
(Name of the Person Making Deposit)  
  
(Signature)  
February 13, 2004  
(Date of Signature)

Respectfully submitted,

By:   
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Dated: 2/13/2004

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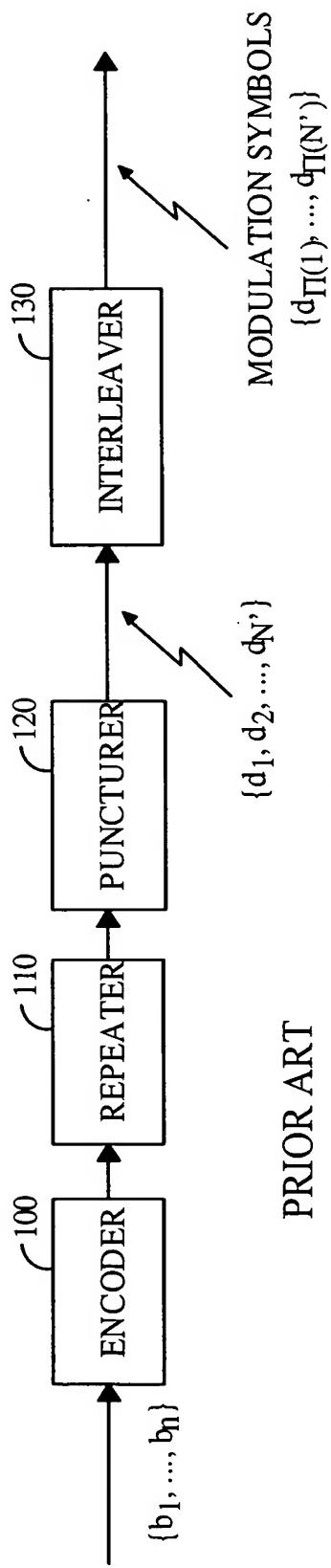
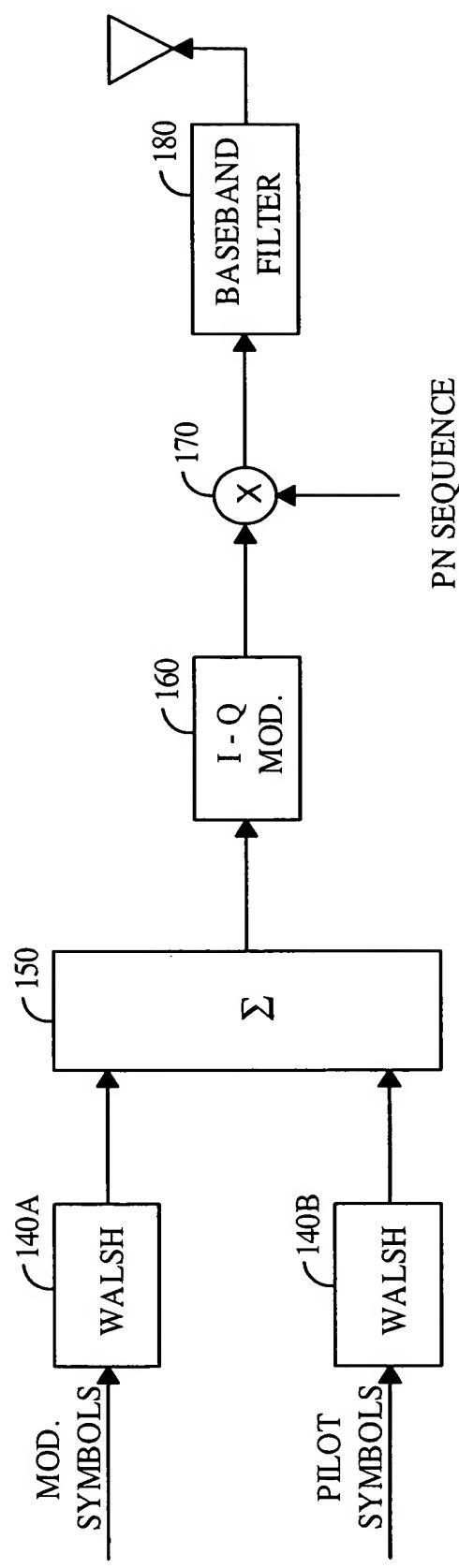


FIG. 1A

PRIOR ART

MODULATION SYMBOLS  
 $\{d_1, d_2, \dots, d_{N'}\}$

MODULATION SYMBOLS  
 $\{d_{\pi(1)}, \dots, d_{\pi(N')}\}$



PRIOR ART

FIG. 1B

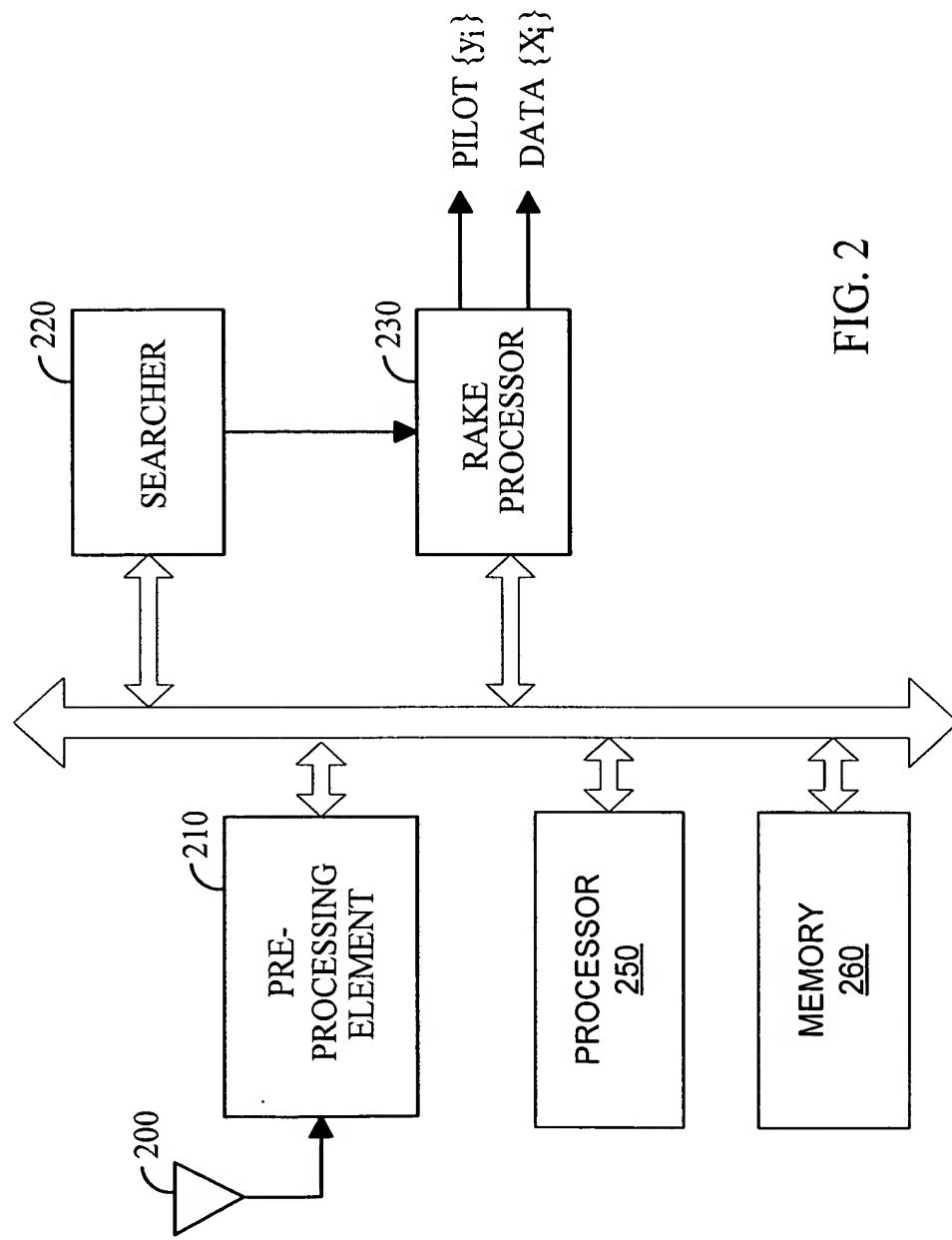


FIG. 2

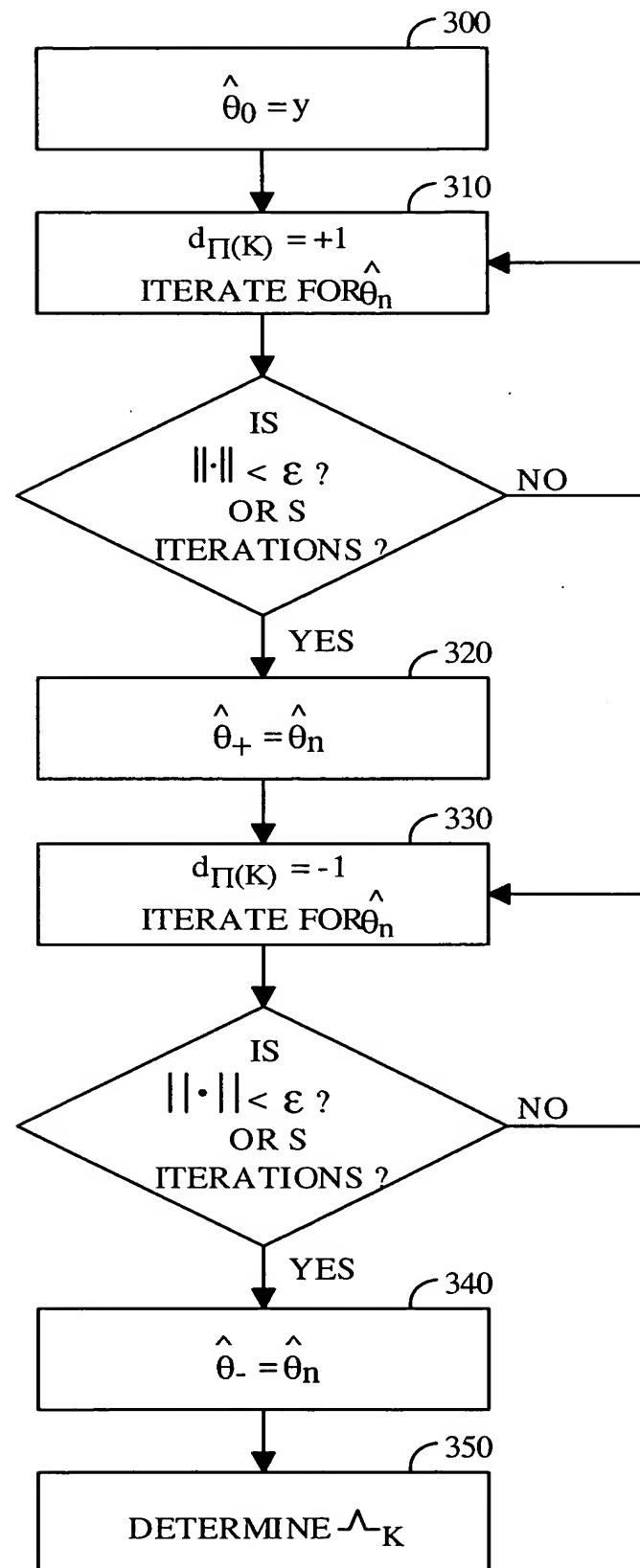


FIG. 3

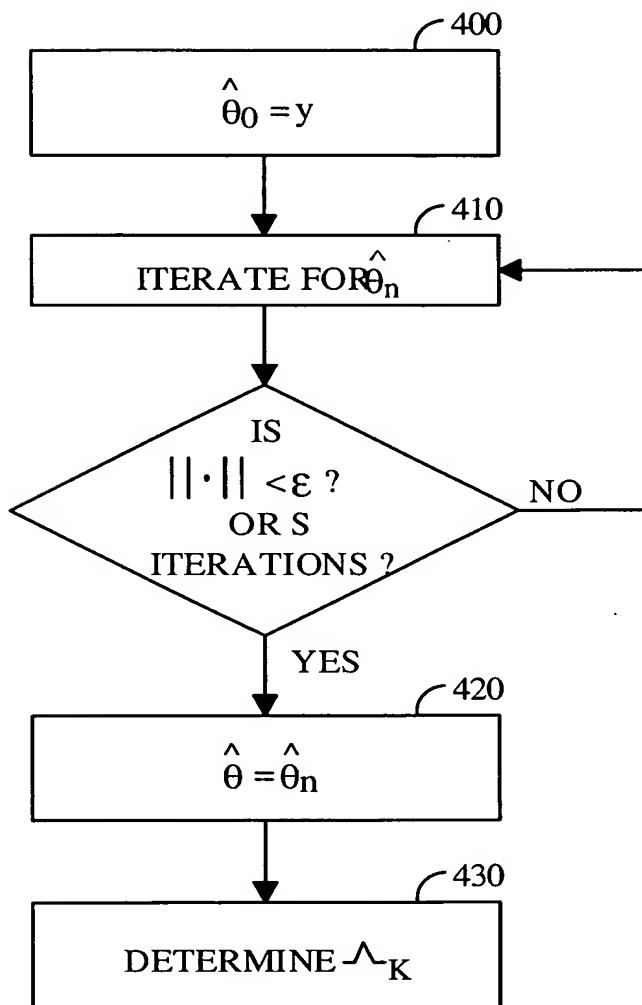


FIG. 4



## Sheet 5/5

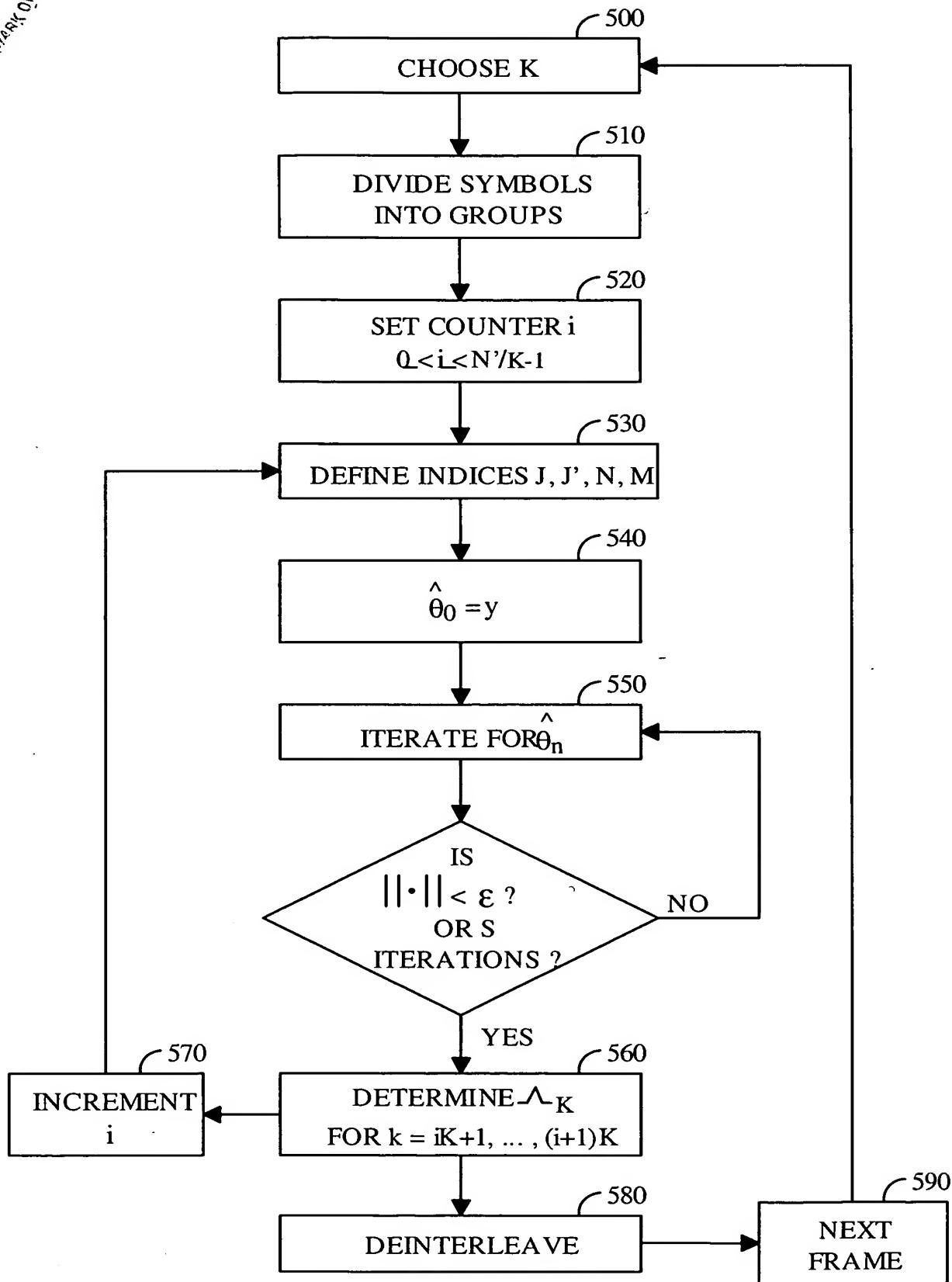


FIG. 5